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PTO/SB/05 (2/98)

Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 06192.0193.NPUS00

First Named Inventor or Application Identifier

Hoi-Sik MOO

Title

Method For Decreasing Misalignment Of A Printed Circuit Board And A Liquid Crystal Display Device With The Printed Circuit Board

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 71]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R&D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claims  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 30]
4. Oath or Declaration [Total Pages 3]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)  
(should be specifically itemized)
14. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

\*NOTE FOR ITEMS 1 & 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

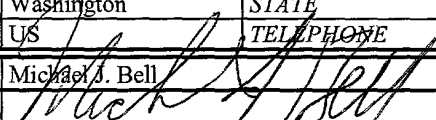
**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

**18. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label 22930 or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

NAME	Michael J. Bell				
	HOWREY SIMON ARNOLD & WHITE, LLP				
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	1299 Pennsylvania Avenue, N.W.				
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Name (Print/Type)	Michael J. Bell	Registration No. (Attorney/Agent)	39,604		
Signature				Date	November 27, 2001



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A LIMITED LIABILITY PARTNERSHIP

November 27, 2001

**Box New Applications**

Assistant Commissioner for Patents  
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application  
Application No. **TO BE ACCORDED** Filed **HEREWITH**  
Title: **METHOD FOR DECREASING MISALIGNMENT OF A  
PRINTED CIRCUIT BOARD AND A LIQUID CRYSTAL  
DISPLAY DEVICE WITH THE PRINTED CIRCUIT BOARD**  
Inventor: **Hoi-Sik MOON**  
Our Ref: **06192.0193.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**METHOD FOR DECREASING MISALIGNMENT OF A  
PRINTED CIRCUIT BOARD AND A LIQUID CRYSTAL  
DISPLAY DEVICE WITH THE PRINTED CIRCUIT BOARD**

and naming as inventors: **Hoi-Sik MOON**

the application consisting of:

a. A specification containing:

- (i) **64** pages of description prior to the claims;
- (ii) **6** pages of claims (**12** claims);
- (iii) a **one** (1) page abstract;

b. **30** sheets of drawings: (Figures 1, 2, 3A, 3B, 4, 5A, 5B, 5C, 6A, 6B, 6C, 7A, 7B, 8A, 8B, 9A, 9B, 9C, 9D, 9E, 9F, 9G, 9H, 9I, 9J, 10A, 10B, 10C, 10D, 10E, 11 and 12)

4. Executed Combined Declaration-Power Attorney;
5. Assignment, Assignment Recordation Sheet (PTO 1595) and Check No. 004351 in the amount of \$40.00 to cover Assignment Recordation fee;

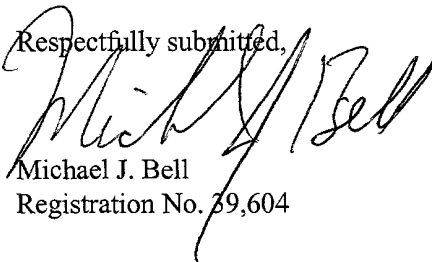
Box New Applications  
Attorney Docket No. 06192.0193.NPUS00  
November 27, 2001  
Page 2

6. Claim for Priority and certified copy of Korean Patent No. 2000-71007 filed November 27, 2000;
7. Checks No. 004352 in the amount of \$740.00 to cover Basic Application Filing Fee; and
8. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0193.NPUS00. *A duplicate copy of this letter is enclosed.*

Respectfully submitted,

  
Michael J. Bell  
Registration No. 39,604

Enclosures

10/22/01 00:00:00

**HOWREY SIMON ARNOLD & WHITE, LLP**  
**Box No. 34**  
**1299 Pennsylvania Avenue, NW**  
**Washington, DC 20004-2402**  
**(202) 783-0800**

Attorney Docket No. 06192.0193.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Hoi-Sik MOON**

For: **METHOD FOR DECREASING MISALIGNMENT OF A PRINTED CIRCUIT BOARD AND A  
 LIQUID CRYSTAL DISPLAY DEVICE WITH THE PRINTED CIRCUIT BOARD**

Enclosed is a new application comprising:

- ☒ A specification containing: **64** pages of description prior to the claims; **6** pages of claims (12 claims); a one (1) page abstract; **30** sheets of drawings (**Figures 1, 2, 3A, 3B, 4, 5A, 5B, 5C, 6A, 6B, 6C, 7A, 7B, 8A, 8B, 9A, 9B, 9C, 9D, 9E, 9F, 9G, 9H, 9I, 9J, 10A, 10B, 10C, 10D, 10E, 11 and 12**)
- ☒ PTO SB/05

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	12-20 =	* 0
INDEP. CLAIMS	2-3 =	* 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE		OR	RATE FEE
	\$ 345.00	OR	\$ 740.00
x 9 =		OR	x 18 =
x 39 =		OR	x 84 =
+ 130 =		OR	+ 270 =
TOTAL		OR	TOTAL \$ 740.00

- ☒ A check in the amount of **\$740.00** to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0193.NPUS00. *A duplicate copy of this sheet is enclosed.*

- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date November 27, 2001

  
 Michael S. Bell  
 Registration No. 39,604